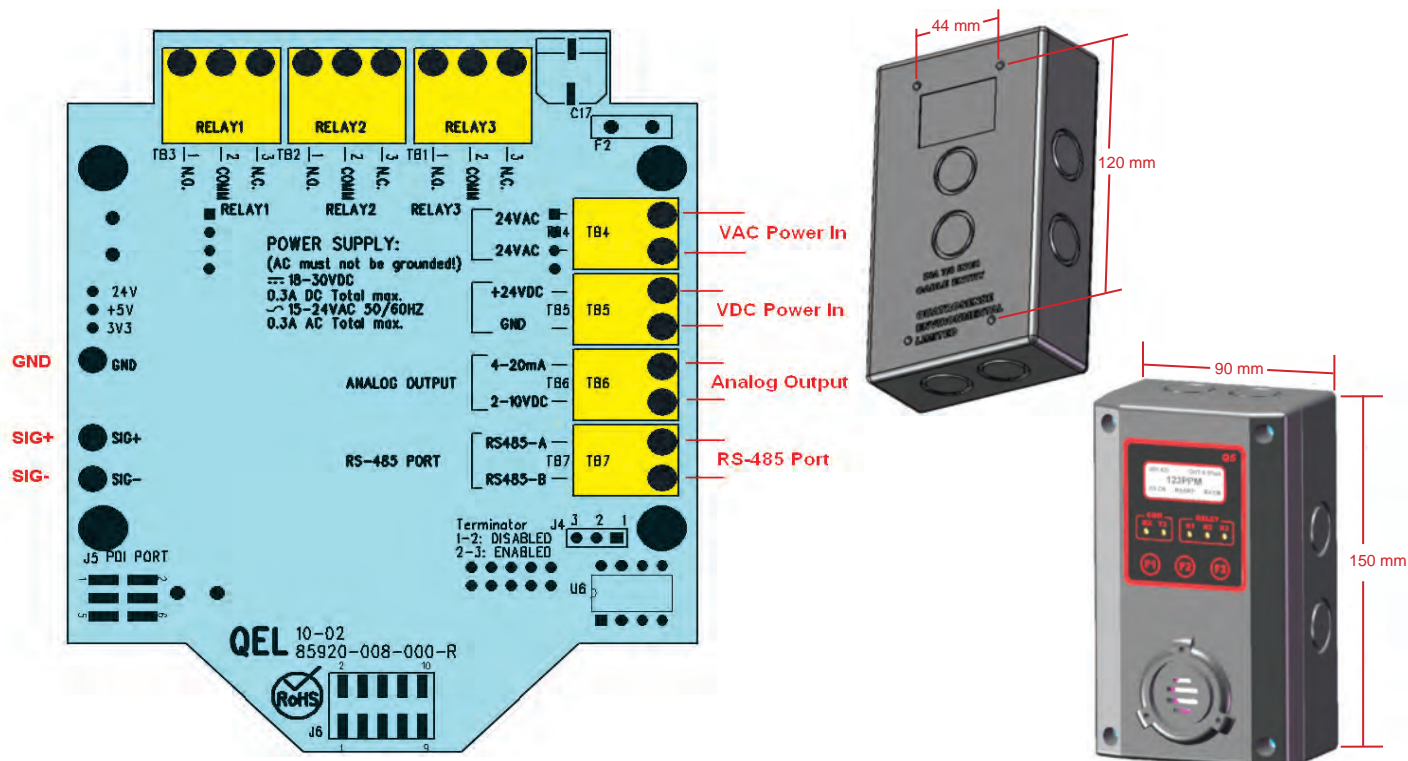


QEL Q5 Series Toxic/Combustible Smart Gas Transmitters



ELECTRICAL AND MECHANICAL SPECIFICATIONS

Input Power:

24 VDC Nominal, range 18-30 VDC, 0.3 A DC Total Max
24 VAC Nominal, range 15-24 VAC, 0.3 A AC Total Max
AC Must **Not** be grounded

Fuse:

F2 on Main Board: Polyswitch 750 mA
Polyswitch resets after Fault 15 cleared and powered up

Sensor:

Combustible Gases: Catalytic Bead
Toxic Gases: Electrochemical, Infrared

Sampling: Diffusion or Pump-through

Panel Indicators:

- 5 Status LED's
 - ▶ RS-485 TX Status (Green)
 - ▶ RS-485 RX Status (Green)
 - ▶ Relay 1 Status (Red)
 - ▶ Relay 2 Status (Red)
 - ▶ Relay 2 Status (Red)

Display:

LCD graphic display c/w backlight

Keypad:

3 Capacitive touch sensing keys: F1, F2, F3

Relays:

- 3 Relays SPDT, dry contacts
 - ▶ 1.0 A maximum at 30 VDC (resistive load)
 - ▶ 0.3 A maximum at 125 VAC (resistive load)

Buzzer: 80 db at 10 cm, 2700 Hz
Buzzer with 3 programmable tones

Output signal:

RS-485 with QEL Controller
Protocol Connects to Q4C
Controller, M-Controller, and
Q-Controller 4-20 mA, 2-10 VDC,
1-5 VDC Analog Signal Output

Enclosure Rating:

IP 66 & NEMA 4, 4X, 12 & 13

Operating Temperature:

-40° C to 70° C, depends on sensor specification

Ambient Humidity:

5% to 95% RH (non-condensing)

Storage Temperature:

0° C to 40° C, depends on sensor specification

Size: 150 mm x 90 mm x 65 mm

Weight: Less than 0.5 lbs

Ensure a complete understanding of all applicable Federal, State, Provincial and Local Health and Safety laws and regulations before using these products.



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This brochure includes general specifications which are subject to change.